



Maths Pathway @ LJBC

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Traditional industries and jobs are disappearing, and new ones are emerging.
Twenty years from now, 44% of the jobs we know today won't exist.



The jobs of the future
will need much higher
levels of skill, especially
in **maths**.

We believe that **every student deserves** the freedom
to choose their place in the new world.

EVERY CHILD DESERVES MATHS

What we know already...

- Far too many Australian students make too little learning progress each year.
- Many students fall behind and are never able to fully catch up, while many highly able students are not stretched
- Making sure every student learns is the core business of schools.
- Whatever the student brings to the table on the first day of school in Term 1, he or she should make at least one years worth of progress by the end of Term 4.



Unlocking student potential

It is impossible for every child to reach their full potential in the common 'one-size-fits-all' classroom. With Maths Pathway, students can achieve much greater success because they learn what they're ready for; either filling gaps or building on their knowledge to master higher levels. In addition to improving learning outcomes, we see a significant improvement to student attitudes toward maths and learning in general.

Your child will benefit from



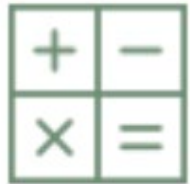
Small groups

Teachers work with small groups of students to effectively teach concepts in targeted lessons.



Strategic interventions

Students that require extra help or extension are easily visible to the teacher.



Tailored content

Maths lessons are delivered according to what your child is ready to learn.



Growth mindset

Success and growth is visible, motivating every child to push themselves.



**MODULES are
completed in work
books**

**The computer replaces
the old textbook**

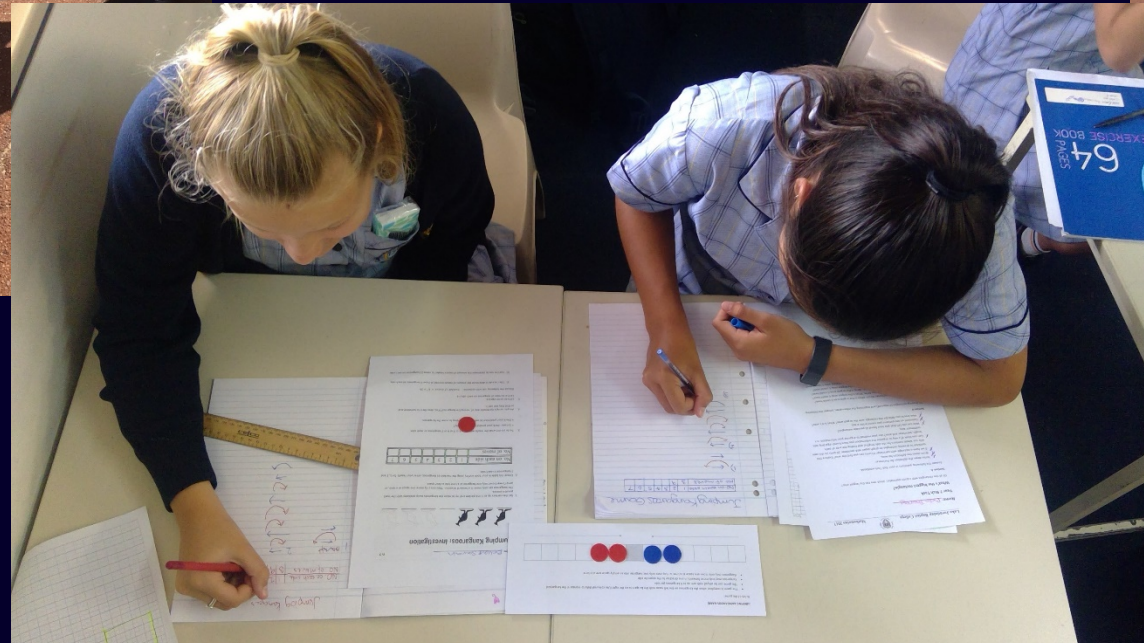
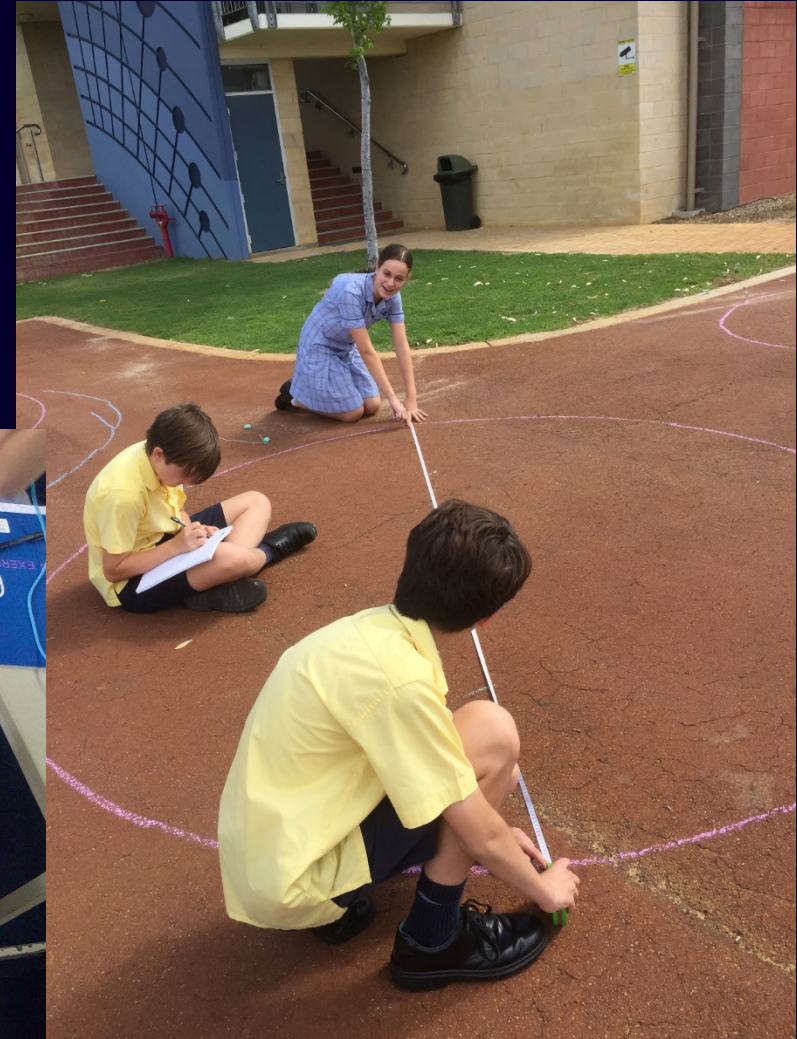




TARGETED SMALL GROUP TEACHING

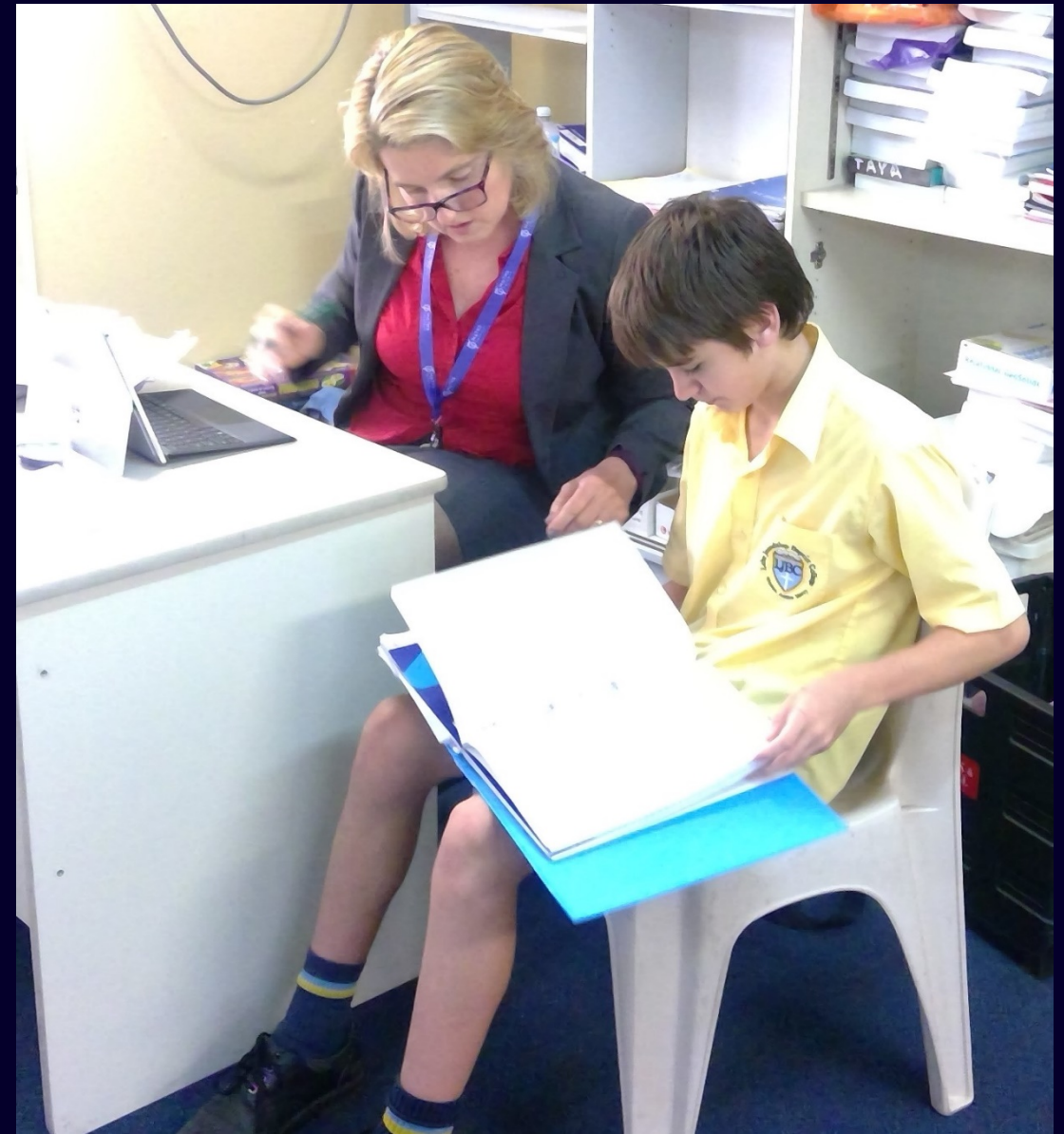
RICH TASK ACTIVITIES

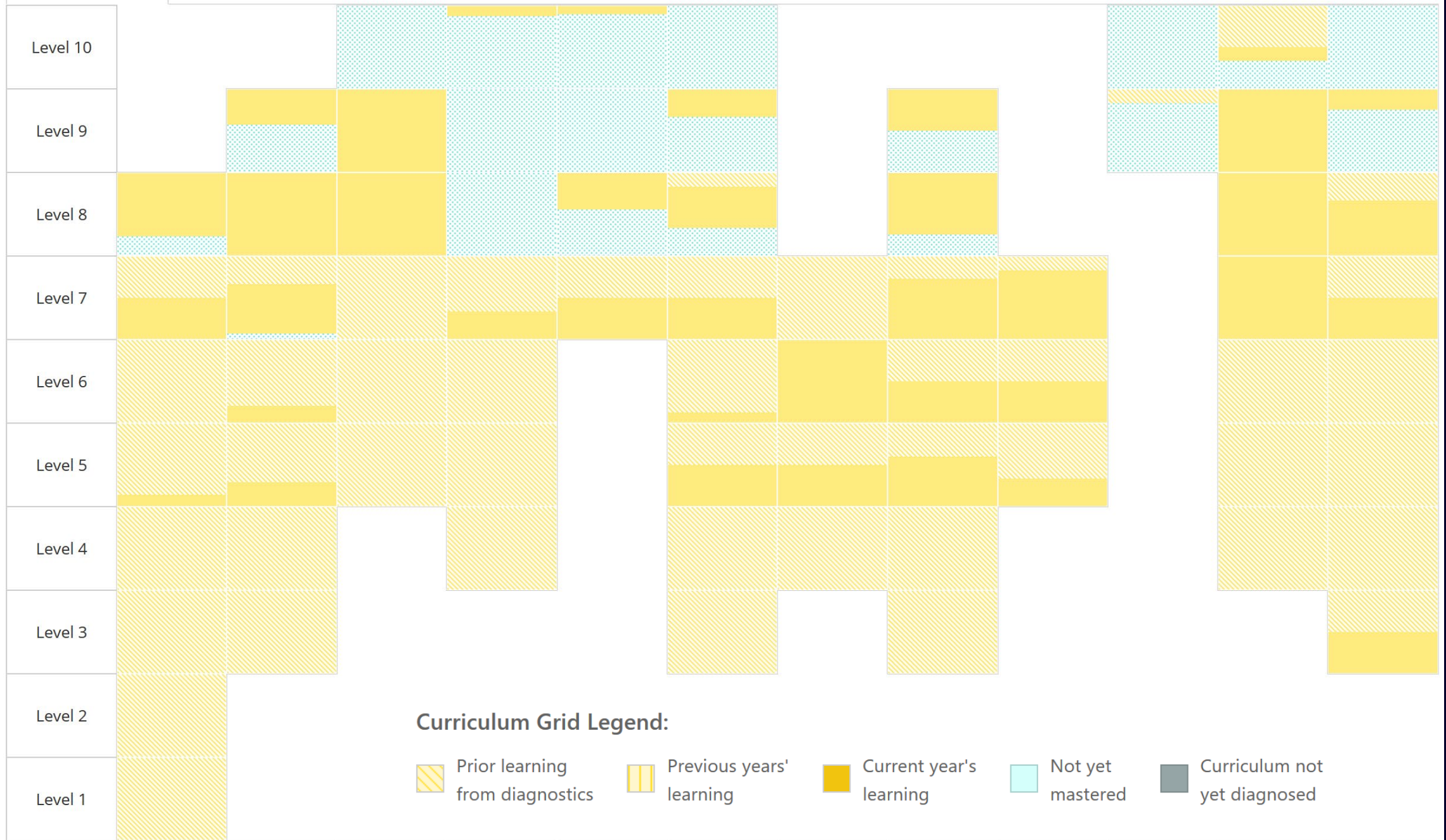
Exploring the π ratio



Jumping Kangaroos

STUDENT/TEACHER FEEDBACK INTERVIEWS





Curriculum Grid Legend:

- Prior learning from diagnostics
- Previous years' learning
- Current year's learning
- Not yet mastered
- Curriculum not yet diagnosed

Number and Place Value	Fractions and decimals	Money and Financial Mathematics	Patterns and algebra	Linear and non-linear relationships	Using units of measurement	Shape	Geometric reasoning	Location and transformation	Pythagoras and trigonometry	Data representation and interpretation	Chance
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This report summarises the state of maths learning using the Maths Pathway Learning and Teaching Model.

1.46

Years of learning per year

On average, students in your school are learning 1.46 years of maths per year

88%

Students learning better

88% of students in your school are learning at a greater rate than they were prior to Maths Pathway

2.03

Overall improvement factor

On average, students in your school are learning at 2.03 times the rate prior to Maths Pathway

What some of our students have to say...

no one can copy your work

I like the way we get to pick what we work on and then we can work on it and then master it in our test.

it is really fun and educational for me. I also like that we can choose what we do and what goes in our tests

You don't have to keep up with the class.

i like that it teaches you maths on your own level

the fact that i can learn what im ready to learn

The thing I like about maths pathway is that is a new and interesting way of learning.

You can choose what you are struggling with and learn that because if the whole class learns something, you may already know it.

it's easy to understand for all people. If you're having trouble you can select help from a friend and its FUN!